RAW SEQUENCE LISTING DATE: 07/06/2001 PATENT APPLICATION: US/09/873,106 TIME: 12:20:49

Input Set : A:\cpg.txt

Output Set: N:\CRF3\07062001\1873106.raw

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	29	<210	0> S	EQ II	D NO	: 1												1105 od.
	30	<211	l> L	ENGTI	H: 1	299				•								0000
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	32	<213	3> Q1	RGAN:	ISM:	Homo	o saj	pien	S									After an initial After an initial correction of correction of correction of correction terrors; format copy the (second copy the attached) the attached isting still sequence found was found be errored.
	34	<220	)> F	EATUI	RE:													
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	38	<400	)> S1	EQUE	NCE:	1												
	39	agto	cctct	ttc (	cgggt	tgate	gg c	ggcg	ggtg	c cc	cgga <sup>.</sup>	tgta	gcc	ctgg	cgc (	aagca	atctct	60
	40	tctt	tttt	tcc a	acct	cgcct	tt c	cgcg	gatte	c cca	agct	tgag	aaa	cacct	tct	ttgc	cccgtc	120
	41	\atg	cca	aag	agg	aaa	gtg	acc	ttc	caa	ggc	gtg	gga	gat	gag	gag	gat	168
	42	Met	Pro	Lys	Arg	Lys	Val	Thr	Phe	Gln	Gly	Val	Gly	Asp	Glu	Glu	Asp	
	43	1				5					10					15		
	45	gag	gat	gaa	atc	att	gtc	ccc	aag	aag	aag	ctg	gtg	gac	cct	gtg	gct	216
	46	Glu	Asp	Glu	Ile	Ile	Val	Pro	Lys	Lys	Lys	Leu	Val	Asp	Pro	Val	Ala	
	47		_		20				_	25	-			_	30			
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			man	aaa	aat	aat	Caa	ato	aca	CCC	+++	aac	cta	Car	man	gag		408
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## RAW SEQUENCE LISTING

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Input Set : A:\cpg.txt

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		_	_		_		_						_		_	_		
	Glu	Glu	Gly	His	Phe	Asp	Ala	Asp		Asn	Tyr	Phe	Leu		Arg	Asp		
67				100					105					110				E 0.4
	_	_		cga	-	_		-	-									504
	Ala	Gln		Arg	Asp	Ser	Trp		Asp	Asn	Ile	Asp		Val	Lys	He		
71			115					120					125					<b>*  .</b>
		-		cca			-	_										552
	Arg		Arg	Pro	Pro	Gly		Arg	Gln	Ala	Ser	_	Ser	Glu	Glu	GLu		
75		130					135	_				140						<i></i>
	-	•	_	ggc	-			_	•	_		_		_				600
	-	Ser	Leu	Gly	Gln		Ser	Met	Ser	Ala		Ala	Leu	Leu	Glu			
	145					150					155					160	. •	
				ctc						_			_			•		648
	Leu	Leu	Glu	Leu		Leu	Pro	Arg	Glu		Val	Ala	Gly	Ala		Arg.	· . •	- 1 (24)
83					165					170					175			
85	cgt	ctg	ggg	gcc	cga	gga	gga	ggc	aaa	ggg	aga	aag	ggg.	cct	ggg	caa	٠.	696 <sub>/</sub>
86	Arg	Leu	Gly	Ala	Arg	Gly	Gly	Gly	Lys	Gly	Arg	Lys	Gly	Pro	Gly	Gln		
87				180					185	•				190				
89	CCC	agt	tcc	cct	cag	cgc	ctg	gac	cgg	ctc	tcc	ggg	ttg	gcc	gac	cag		744
90	Pro	Ser	Ser	Pro	Gln	Arg	Leu	Asp	Arg	Leu	Ser.	Gly	Leu	Ala	Asp	Gln		
91			195					200					205					
93	atg	gtg	gcc	cgg	ggc	aac	ctt	ggt	gtg	tac	cag	gaa	aca	agg	gaa	cgg		792
94	Met	Va1	Ala	Arg	Gly	Asn	Leu	Gly	Val	Tyr	Gln	Glu	Thr	Arg	Glu	Arg		
95		210					215					220						
97	ttg	gct	atg	cgt	ctg	aag	ggt	ttg	ggg	tgt	cag	acc	cta	gga	CCC	cac		840
98	Leu	Ala	Met	Arg	Leu	Lys	Gly	Leu	Gly	Cys	Gln	Thr	Leu	Gly	Pro	His		
99	225					230					235					240		
101	aat	ccc	aca	CCC	cca	ccc	tcc	ctg	gac	: atg	rtto	gct	gag	gag	ttg	gcg		888
102	Asn	Pro	Thr	r Pro	Pro	Pro	Ser	Leu	Asp	Met	Phe	Ala	ı Glu	Glu	Leu	Ala		
103					245					250	}				255			
105	gag	gag	gaa	ctg	gag	acc	cca	acc	cct	acc	cag	r aga	a gga	gaa	gca	gag		936
106	Glu	Glu	ı Glu	ı Leu	Glu	Thr	Pro	Thr	Pro	Thr	Gln	Arg	, Gly	Glu	Ala	Glu		
107				260					265	i				270				
109	tcg	cgg	gga	ı gat	ggt	ctg	gtg	gat	gtg	atg	r tgg	gaa	i tat	: aag	tgg	gag		984
110	Ser	Arg	Gly	/ Asp	Gly	Leu	Val	Asp	Val	Met	Trp	Glu	ı Tyr	Lys	Trp	Glu		
111			275	5				280	•				285	•				
113	aac	acg	ggg	, gat	gcc	gag	ctg	tat	ggg	ccc	tto	acc	ago	gcc	cag	atg		1032
114	Asn	Thr	Gly	/ Asp	Ala	Glu	Leu	Tyr	Gly	Pro	) Phe	Thi	Ser	Ala	Gln	Met		
115		290	)				295	•				300	)					
117	cag	acc	: tgg	, gtg	agt	gaa	ggc	tac	ttc	ccg	gac	: ggt	gtt	: tat	tgc	cgg		1080
118	Gln	Thr	Trp	val	Ser	Glu	Gly	Tyr	Phe	Pro	Asp	Gly	v Val	Tyr	Cys	Arg		
119	305	1				310					315	5				320		
121	aag	ctg	gac	ccc	cct	ggt	ggt	. cag	ttc	tac	aac	tco	aaa	cgc	att	gac		1128
122	Lys	Leu	Asp	Pro	Pro	Gly	Gly	Gln	Phe	Tyr	Asn	Sei	: Lys	Arg	Ile	Asp		
123					325	,				330					335			
125	ttt	gac	cto	tac	acc	'tga	gcct	.gct	gggg	gccc	ag t	ttgg	ıtggg	c cc	ttct	ttcc		1183
126	Phe	Asp	Leu	Tyr	Thr													
127				340														
129	tgg	actt	tgt	ggag	gagg	ca c	caag	tgtc	t ca	.ggca	gcga	gga	aatt	.gga	ggcc	atttt	:t	1243
130	cag	tcaa	ttt	ccct	ttcc	ca a	taaa	agco	t ta	gttg	tgta	aaa	ıaaaa	aaa	aaaa	aa		1299

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Input Set : A:\cpg.txt

Output Set: N:\CRF3\07062001\I873106.raw

```
132 <210> SEQ ID NO: 2
133 <211> LENGTH: 341
134 <212> TYPE: PRT
135 <213> ORGANISM: Homo sapiens
137 <400> SEQUENCE: 2
138 Met Pro Lys Arg Lys Val Thr Phe Gln Gly Val Gly Asp Glu Glu Asp
                     5
                                         10
139 1
140 Glu Asp Glu Ile Ile Val Pro Lys Lys Leu Val Asp Pro Val Ala
                20
                                                         30
141
142 Gly Ser Gly Gly Pro Gly Ser Arg Phe Lys Gly Lys His Ser Leu Asp
143
144 Ser Asp Glu Glu Glu Asp Asp Asp Gly Gly Ser Ser Lys Tyr Asp
                                                 60
145
        50
                            55
146 Ile Leu Ala Ser Glu Asp Val Glu Gly Gln Glu Ala Ala Thr Leu Pro
                                             75
147 65
                        70
148 Ser Glu Gly Gly Arg Ile Thr Pro Phe Asn Leu Gln Glu Glu Met
                    85
                                         90
149
150 Glu Glu Gly His Phe Asp Ala Asp Gly Asn Tyr Phe Leu Asn Arg Asp
                                                         110
                                    105
151
                100
152 Ala Gln Ile Arg Asp Ser Trp Leu Asp Asn Ile Asp Trp Val Lys Ile
                                120
153
            115
154 Arg Glu Arg Pro Pro Gly Gln Arg Gln Ala Ser Asp Ser Glu Glu Glu
                            135
                                                 140
155
        130
156 Asp Ser Leu Gly Gln Thr Ser Met Ser Ala Gln Ala Leu Leu Glu Gly
                                            155
                                                                 160
                        150
157 145
158 Leu Leu Glu Leu Leu Pro Arg Glu Thr Val Ala Gly Ala Leu Arg
                                         170
                    165
160 Arg Leu Gly Ala Arg Gly Gly Gly Lys Gly Arg Lys Gly Pro Gly Gln
                                                         190
                                    185
                180
161
162 Pro Ser Ser Pro Gln Arg Leu Asp Arg Leu Ser Gly Leu Ala Asp Gln
163
            195
                                200
164 Met Val Ala Arg Gly Asn Leu Gly Val Tyr Gln Glu Thr Arg Glu Arg
165
        210
                            215
                                                 220
166 Leu Ala Met Arg Leu Lys Gly Leu Gly Cys Gln Thr Leu Gly Pro His
                                                                 240
                        230
                                             235
167 225
168 Asn Pro Thr Pro Pro Pro Ser Leu Asp Met Phe Ala Glu Glu Leu Ala
                                         250
                    245
169
170 Glu Glu Glu Leu Glu Thr Pro Thr Pro Thr Gln Arg Gly Glu Ala Glu
                                                         270
                                     265
171
                260
172 Ser Arg Gly Asp Gly Leu Val Asp Val Met Trp Glu Tyr Lys Trp Glu
                                                     285
173
            275
                                 280
174 Asn Thr Gly Asp Ala Glu Leu Tyr Gly Pro Phe Thr Ser Ala Gln Met
175
                            295
                                                 300
176 Gln Thr Trp Val Ser Glu Gly Tyr Phe Pro Asp Gly Val Tyr Cys Arg
                        310
                                             315
177 305
178 Lys Leu Asp Pro Pro Gly Gly Gln Phe Tyr Asn Ser Lys Arg Ile Asp
                                                             335
                                         330
179
                    325
180 Phe Asp Leu Tyr Thr
181
                340
```

## RAW SEQUENCE LISTING

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PATENT APPLICATION: US/09/873,106

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Input Set : A:\cpg.txt

Output Set: N:\CRF3\07062001\I873106.raw

```
184 <210> SEQ ID NO: 3
185 <211> LENGTH: 26
186 <212> TYPE: PRT
187 <213> ORGANISM: Homo sapiens
189 <400> SEQUENCE: 3
190 Gly Asp Ala Glu Leu Tyr Gly Pro Phe Thr Ser Ala Gln Met Gln Thr
                     5
                                                            15
191 1
192 Trp Val Ser Glu Gly Tyr Phe Pro Asp Gly
                                    25
193
                20
196 <210> SEQ ID NO: 4
197 <211> LENGTH: 27
198 <212> TYPE: PRT
199 <213> ORGANISM: Caenorhabditis elegans
201 <400> SEQUENCE: 4
202 Gly Pro Asp Ser Glu Lys Tyr Gly Pro Tyr Met Ser Lys Asp Met Leu
                                        10
                                                             15
                     5
203 1
204 Phe Trp Leu Gln Ala Gly Tyr Phe Asn Asp Gly
205
                                    25
                20
208 <210> SEQ ID NO: 5
209 <211> LENGTH: 27
210 <212> TYPE: PRT
211 <213> ORGANISM: Caenorhabditis elegans
213 <400> SEQUENCE: 5
214 Asp Pro Thr Glu Thr Arg Arg Gly Pro Phe Pro Lys Asp Gln Met Asn
                                                             15
215 1
216 Val Trp Phe Lys Ala Gly Tyr Phe Thr Asp Glu
                20
                                    25
217
220 <210> SEQ ID NO: 6
221 <211> LENGTH: 27
222 <212> TYPE: PRT
223 <213> ORGANISM: Caenorhabditis elegans
225 <400> SEQUENCE: 6
226 Asp Asp Arg Gly Thr Val Gln Gly Pro Tyr Gly Ala Ser Thr Val Leu
                                                             15
                     5
                                        10
227 1
228 Asp Trp Tyr Gln Lys Gly Tyr Phe Ser Asp Asn
232 <210> SEQ ID NO: 7
233 <211> LENGTH: 29
234 <212> TYPE: PRT
235 <213> ORGANISM: Saccharomyces cerevisiae
237 <400> SEQUENCE: 7
238 Asp Thr Gln Gly Gln Ile His Gly Pro Phe Thr Thr Gln Met Met Ser
239 1
240 Gln Trp Tyr Ile Gly Gly Leu Glu Tyr Phe Ala Ser Thr
241
                20
244 <210> SEQ ID NO: 8
245 <211> LENGTH: 27
246 <212> TYPE: PRT
247 <213> ORGANISM: Saccharomyces cerevisiae
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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/873,106

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Input Set : A:\cpg.txt

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```
249 <400> SEQUENCE: 8
    250 Asp Ser Asn Gly Asn Ile Gln Gly Pro Phe Gly Thr Asn Asn Met Ser
                          5
                                                                 15
                                             10
     251 1
     252 Gln Trp Tyr Gln Gly Gly Tyr Phe Thr Pro Thr
                                         25
     253
                     20
     256 <210> SEQ ID NO: 9
     257 <211> LENGTH: 17
     258 <212> TYPE: PRT
     259 <213> ORGANISM: Artificial Sequence
     261 <220> FEATURE:
     262 <223> OTHER INFORMATION: Motif in CD2 binding region of CD2BP2
                                                          > Position 1...2 are
not Xaa's.
     265 <221> NAME/KEY: VARIANT
     266 <222> LOCATION: (1)...(2)
     267 <223> OTHER INFORMATION: Xaa = Any Amino Acid
     269 <221> NAME/KEY: VARIANT
     270 <222> LOCATION: (3)...(3)
     271 <223> OTHER INFORMATION: Xaa can be Tyr or Phe
     273 <221> NAME/KEY: VARIANT
     274 < 222 > LOCATION: (4)...(7)
     275 <223> OTHER INFORMATION: Xaa = Any Amino Acid
     277 <221> NAME/KEY: VARIANT
     278 <222> LOCATION: (8)...(8)
     279 <223> OTHER INFORMATION: Xaa can be Met or Val
     281 <221> NAME/KEY: VARIANT
     282 <222> LOCATION: (9)...(15)
     283 <223> OTHER INFORMATION: Xaa = Any Amino Acid
     285 <400> SEQUENCE; 9
W--> 286 Gly Pro Xaa Xaa Xaa Xaa Xaa Xaa Xaa Trp Xaa Xaa Xaa Gly Thr
     287 I
     288 Phe
     292 <210> SEQ ID NO: 10
     293 <211> LENGTH: 6
     294 <212> TYPE: PRT
     295 <213> ORGANISM: Artificial Sequence
     297 <220> FEATURE:
     298 <223> OTHER INFORMATION: CD2BP2 binding region
     301 <400> SEQUENCE: 10
     302 Pro Pro Pro Gly His Arg
     303 1
     306 <210> SEQ ID NO: 11
     307 <211> LENGTH: 70
     308 <212> TYPE: PRT
     309 <213> ORGANISM: Homo sapiens
     311 <400> SEQUENCE: 11
     312 Pro Pro Pro Pro Gly His Arg Ser Gln Ala Pro Ser His Arg Pro
     313 1
     314 Pro Pro Pro Gly His Arg Val Gln His Gln Pro Gln Lys Arg Pro Pro
     315
                                         25
     316 Ala Pro Ser Gly Thr Gln Val His Gln Gln Lys Gly Pro Pro Leu Pro
```

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/873,106

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Input Set : A:\cpg.txt

Output Set: N:\CRF3\07062001\1873106.raw

L:16 M:270 C: Current Application Number differs, Replaced Current Application No

L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:286 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9